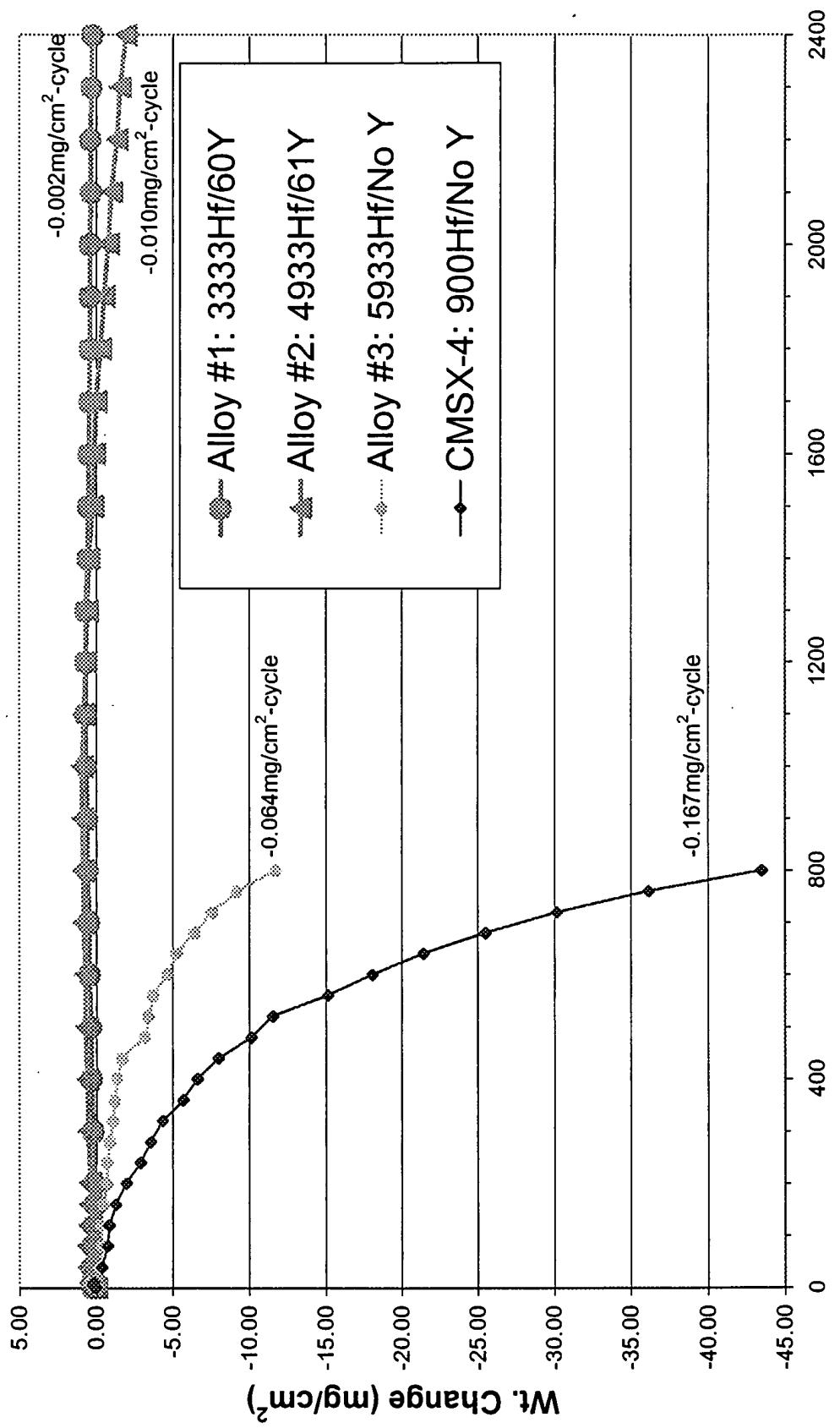


**2075F Cyclic Oxidation Test
50 Min. Hot + 10 Min. Air Cooling**



Cycles

Figure 1

2075F Cyclic Oxidation Test
50 Min. Hot + 10 Min. Air Cooling

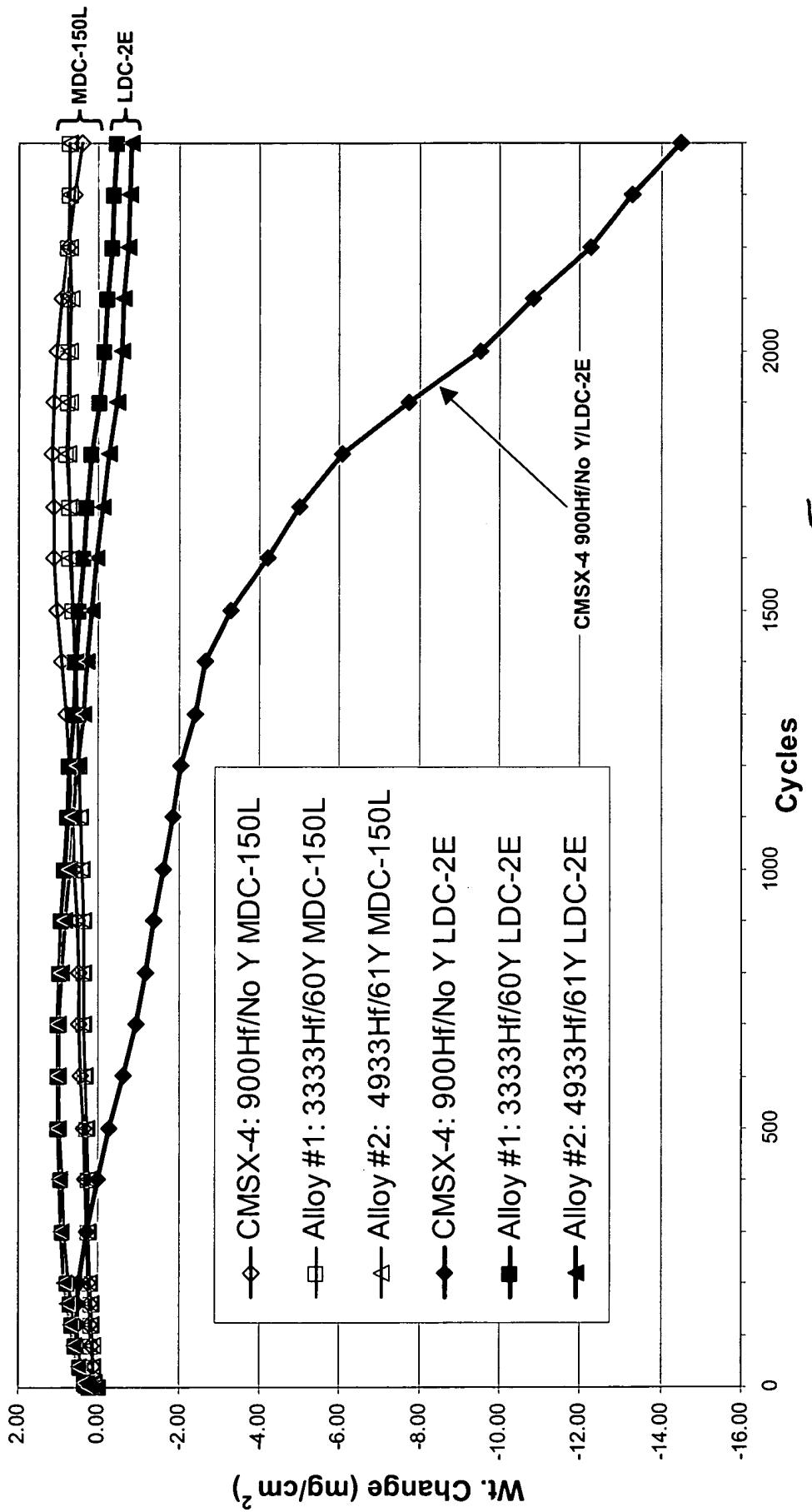
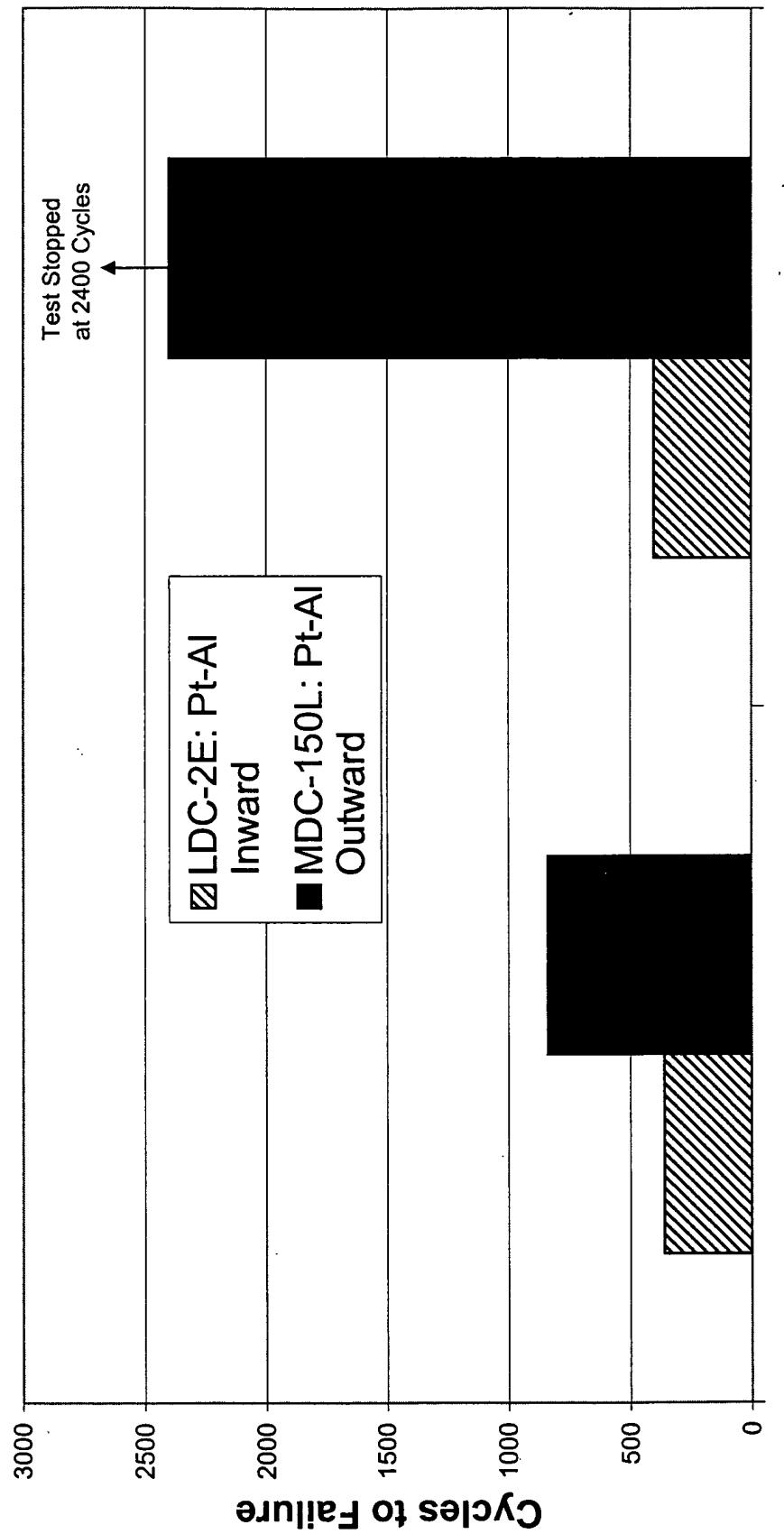


Figure 2

**2075F Cyclic TBC Adherence Test - Lindberg Furnace
50 Min. Hot + 10 Min Air Cool**

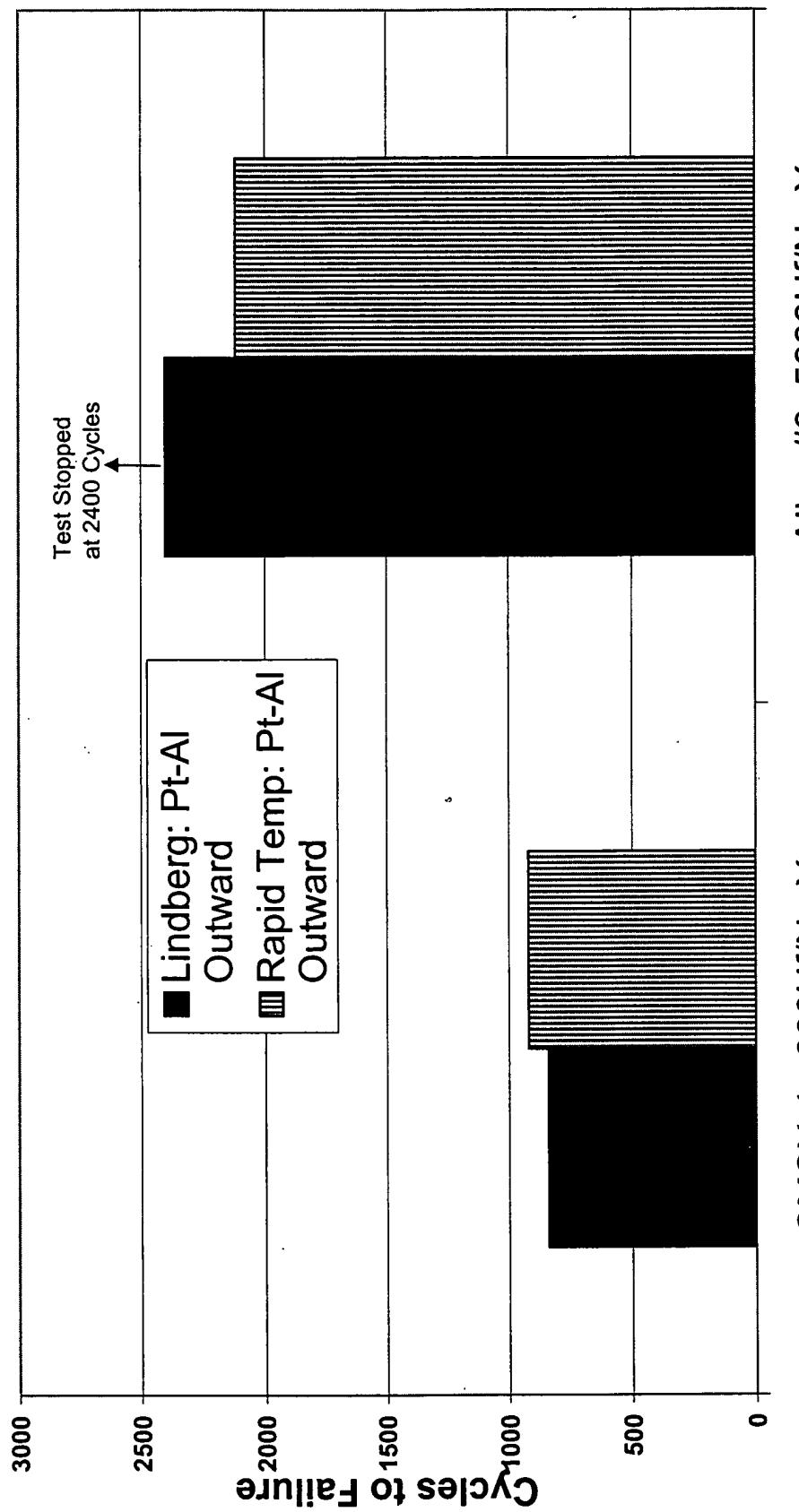


Alloy #3: 5933Hf/No Y CMSX-4: 900Hf/No Y

Figure 3

BEST AVAILABLE COPY

2075 F Cyclic TBC Adherence Test
Lindberg vs. Rapid Temp Furnace
50 Min. Hot + 10 Min Air Cool

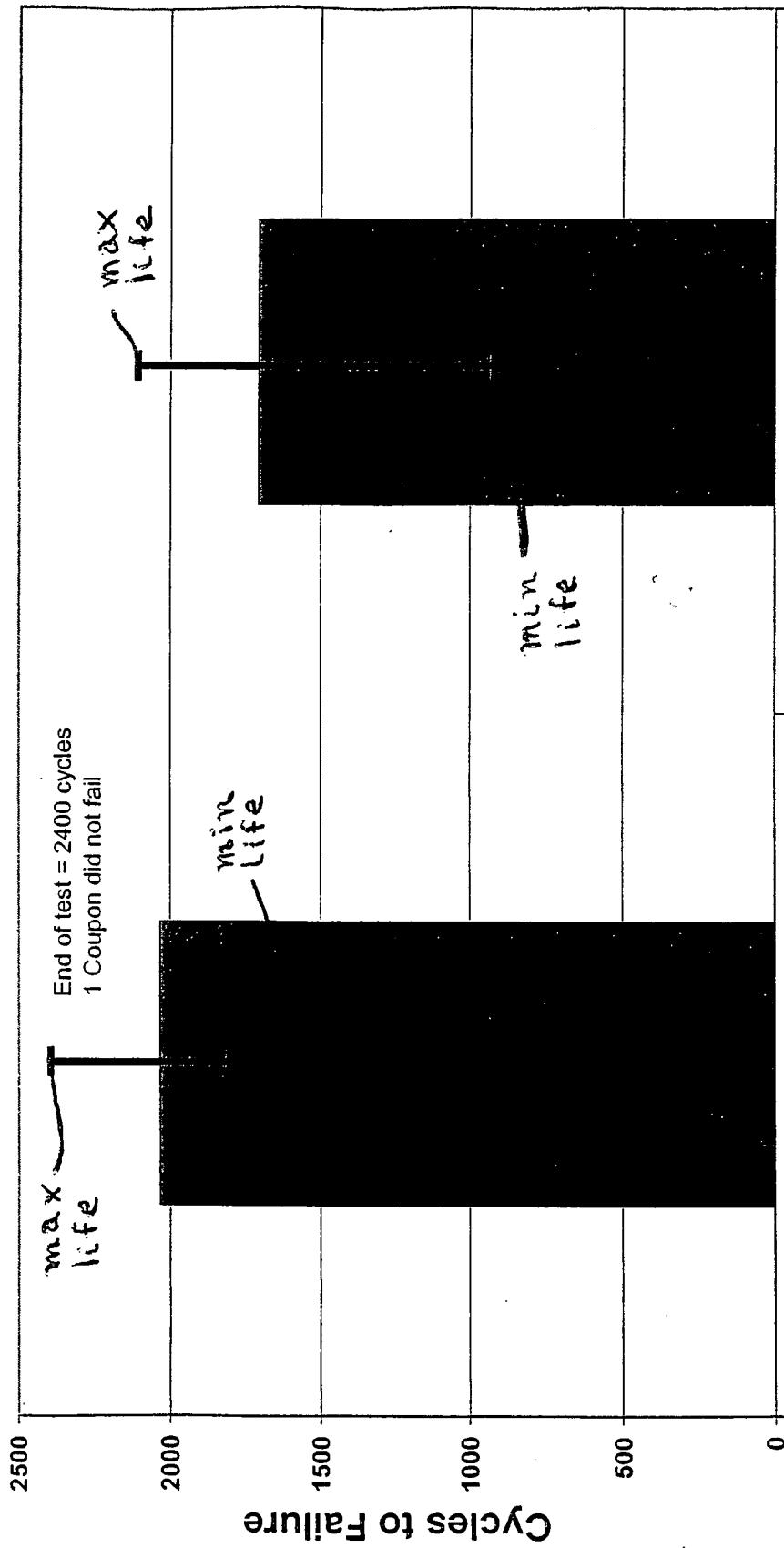


Alloy #3: 5933Hf/No Y

Figure 4

BEST AVAILABLE COPY

2075 F Cyclic TBC Adherence Test - Rapid Temp Furnace
10 Min. Ramp + 45 Min. Hot + 8 Min Air Cool



Coupon

Figure 5